

Docket No.: 57454-985

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                     |   |                        |
|-------------------------------------|---|------------------------|
| In re Application of                | : | Customer Number: 20277 |
|                                     | : |                        |
| Tetsuya HAYASHI, et al.             | : | Confirmation Number:   |
|                                     | : |                        |
| Serial No.:                         | : | Group Art Unit:        |
|                                     | : |                        |
| Filed: November 06, 2003            | : | Examiner:              |
|                                     | : |                        |
| For: THRUST ROLLER BEARING AND CAGE | : |                        |

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

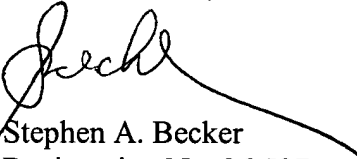
The relevance of each non-English language reference, if any, is discussed in the present specification.

**Serial No.:**

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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**Date: November 6, 2003**

| INFORMATION DISCLOSURE<br>CITATION IN AN<br>APPLICATION          |             |   |                                | ATTY. DOCKET NO.<br>57454-985                      |   | SERIAL NO.  |    |
|--|-------------|---|--------------------------------|--|---|---|----|
| (PTO-1449)   |             |   |                                | APPLICANT<br>Tetsuya HAYASHI, et al.               |   |   |    |
|  |             |   |                                | FILING DATE<br>November 06, 2003                   |   | GROUP   |    |
| U.S. PATENT DOCUMENTS  |             |   |                                |  |   |   |    |
| EXAMINER'S<br>INITIALS   | CITE<br>NO. | Document Number<br>Number-Kind Codez (if known)   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited<br>Document |   | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |    |
|  |             | US  |                                |  |   |   |    |
|  |             | US  |                                |  |   |   |    |
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|  |             | US  |                                |  |   |   |    |
| FOREIGN PATENT DOCUMENTS   |             |   |                                |  |   |   |    |
| EXAMINER'S<br>INITIALS   | CITE<br>NO. | Foreign Patent Document<br>Country Codes-Number + -Kind<br>Codes (if known)   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines<br>Where Relevant<br>Figures Appear | Translation   |    |
|  |             |   |                                |  |   | Yes   | No |
|  |             | JP 2002-70872 (w/ English<br>Abstract)  | 03/08/2002                     | NSK LTD.   |   |   |    |
|  |             | JP 2000-97242 (w/ English<br>Abstract)  | 04/04/2000                     | KOYO SEIKO CO., LTD.                               |   |   |    |
|  |             |   |                                |  |   |   |    |
|  |             |   |                                |  |   |   |    |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) |             |   |                                |  |   |   |    |
| EXAMINER'S<br>INITIALS   | CITE<br>NO. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |                                |  |   |   |    |
|  |             | Metal Handbook, Edited by The Japan Institute of Metals, Published by Maruzen Co., Ltd., "Method of Surface Hardening Treatment of Steel, pages 550-552, Publication Date: March 31, 1990 (Partial English Translation).  |                                |  |   |   |    |
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|  |             |   |                                |  |   |   |    |
| EXAMINER   |             |   |                                | DATE CONSIDERED                                    |   |   |    |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.